FABRIC & CONNECTIVITY

# FPP Active Bridge Mesh

Hierarchical active/passive bridging for local and global package interconnect.

IP-164 · Architecture IP · Architecture

## Function and architecture

- Hierarchical local and global package routing
- Active/passive bridge composition
- Repair, telemetry and power-aware interconnect architecture

## Integration summary

FPP Active Bridge Mesh integration role: Hierarchical active/passive bridge fabric. Documented composition: One of the co-designed package fabrics / bridge hierarchy.

## Technical record

| | |
|---|---|
| **Canonical identity** | IP-164 |
| **Responsibility** | Hierarchical active/passive bridge fabric |
| **Documented building blocks** | One of the co-designed package fabrics / bridge hierarchy |
| **Delivery boundary** | Architecture |
| **Evidence scope** | Architecture IP |

## Delivery and release binding

- Interface version and parameter set
- Clock/reset domains and integration constraints
- Companion memory, PHY and software requirements
- Verification collateral and acceptance criteria

Confirm for the selected release: Node/library binding, Clock/reset limits, Physical and protocol dependencies, Artifact hashes, Acceptance criteria.

## Evidence and qualification

Canonical technology and its architecture/integration role are recorded. The offered delivery is confirmed against the exact release before licensing.

No node-port, silicon-performance, standards certification or analog qualification is inherited from a related product.

Canonical status: Architecture

## Evaluation and licensing

Evaluation: Evaluate an individual IP configuration. Production: Named-design production license. Custom work: Node binding or derivative integration. Rights, pricing, support and acceptance criteria are agreed for the exact scope.

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